Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.3				1 76	Attorne	ey Docl	ket Nu	umber	W014 P01394-US		
Application	Application Data Offeet 37 CT K 1.			1.70	Application Number			r			
Title of Inventio	n PR	EPARATIO	N MET	HOD O	F SOLID	TITANII	UM CA	ATALYST	FOR	OLEFIN POLYMERIZATION	
bibliographic data a	irranged in y be comp	a format sp oleted electr	ecified bonically	y the Uni and subi	ited States mitted to th	Patent a	and Tra	idemark O	ffice as	ubmitted. The following form contains outlined in 37 CFR 1.76. ing the Electronic Filing System (EFS	
Secrecy Or	der 37	CFR	5.2								
					-	-			-	fall under a Secrecy Order pur not be filed electronically.)	suant to
Applicant lı	nform	ation:									
Applicant 1										Remove	
Applicant Auth	ority 💽	Inventor	○Le	gal Rep	resentativ	ve unde	r 35 L	J.S.C. 11	7	Party of Interest under 35 U.S	.C. 118
Prefix Given	Name			Mi	iddle Na	me			Fam	ily Name	Suffix
Chun-B	yung								YAN	IG	
Residence Inf	ormatio	n (Select	One)	O US	Residence	су 🧿	No.	n US Re	sidency	Active US Military Service	;
City Daejeon				Count	ry Of Re	esiden	cei	KR			
Citizenship un	der 37 C	FR 1.41(b) i	KR							
Mailing Addres	ss of Ap	plicant:									
Address 1		Expo Ap	ot. 211-2	202							
Address 2		Jeonmir	n-dong,	Yuseon	g-gu						
City Da	ejeon						State	e/Provir	nce		
Postal Code		305-761				Cour	ntryi	KR			
Applicant 2		l								Remove	
Applicant Auth	ority 💽	Inventor		gal Rep	resentativ	ve unde	r 35 L	J.S.C. 11	7	Party of Interest under 35 U.S	.C. 118
Prefix Given			<u> </u>	Mi	iddle Na	me			Fam	ily Name	Suffix
Ho-Sik									CHA	NG	
Residence Inf	ormatio	n (Select	One)	Us	Residence	су (•	No	n US Re	Lsidency	Active US Military Service	÷
City Daejeon				Count	ry Of Re	esiden	cei	KR			
Citizenship un	der 37 C	FR 1.41(b) i	KR			l				
Mailing Addres	ss of Ap	plicant:									
Address 1		Expo Ap	ot. 103-	1005							
Address 2		Jeonmir	n-dong,	Yuseon	g-gu						
City Da	ejeon						State	e/Provir	ıce		
Postal Code		305-761				Cour	ntryi	KR			
Applicant 3										Remove	
Applicant Auth	ority (•	Inventor		gal Rep	resentativ	ve unde	r 35 L	J.S.C. 11	7	Party of Interest under 35 U.S	.C. 118
Prefix Given			<u> </u>	Mi	iddle Na	me			Fam	ily Name	Suffix
Ki-Hwa									LEE		
Residence Inf	ormatio	n (Select	One)	Us	Residence	су (No	n US Re	sidency	Active US Military Service	÷

Country Of Residence

 KR

Daejeon

City

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76			Attor	Attorney Docket Number		W014 P01394-US					
Application Data Sheet 3		eet 37 Clik 1.70	Application Number								
Title of Invention	Title of Invention PREPARATION METHOD OF SOLID TITANIUM CATALYST FOR OLEFIN POLYMERIZATION										
Citizenship unde	Citizenship under 37 CFR 1.41(b) i KR										
Mailing Address	of Appli	icant:									
Address 1		306-14 Bunju, 202 ho)								
Address 2 Jeonmin-dong, Yuseong-gu											
City Daejeon State/Province											
Postal Code		305-390		Co	untryi	KR					
		isted - Additional by selecting the A			nation b	locks r	may be		Add		
Corresponde	nce Ir	nformation:									
		umber or complet see 37 CFR 1.33(a)		orrespo	ndence	Inform	nation s	ection b	elow.		
☐ An Address	is being	provided for the	corresp	onden	ce Infor	mation	of this	applicati	ion.		
Customer Number	er	03017									
Email Address		sjh@barjos.com	sjh@barjos.com				Add	Email	Remo	ve Email	
Application I	nform	ation:									
Title of the Inven	tion	PREPARATION I	/IETHOD	OF SOL	ID TITAN	NIUM CA	ATALYST	FOR OL	EFIN POL	YMERIZ	ATION
Attorney Docket Number W014 P01394-US			Sm	all Ent	ity Statı	us Claim	ed 🗌				
Application Type	!	Nonprovisional			•						
Subject Matter		Utility									
Suggested Class	(if any)				Su	b Class	s (if any)			
Suggested Techi	nology (Center (if any)			<u>'</u>			•			
Total Number of	Drawing	g Sheets (if any)			Su	ggeste	d Figur	e for Pub	olication	(if any)	
Publication Infor	mation:				l .						
Request Earl	y Publica	ation (Fee required	at time	of Requ	est 37 C	FR 1.2	19)				
Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.											
Representative Information: Representative information should be provided for all practitioners having a power of attorney in the application. Providing											
this information in the Enter either Cu	this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).										
Please Select One	∋:	Customer Numl	er () USF	Patent Pra	actitione	r T	US Rep	resentativ	e (37 CF	R 11.9)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Da	ta Sheet 37 CFR 1.76	Attorney Docket Number	W014 P01394-US	
Application Bata offect of GFR 1.70		Application Number		
Title of Invention	PREPARATION METHOD O	F SOLID TITANIUM CATALYST	FOR OLEFIN POLYMERIZATION	
Customer Number 03017				

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a) (4), and need not otherwise be made part of the specification.

Prior Application Status			Remove				
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)				
Additional Domestic Priority Data may be generated within this form by selecting the Add button.							

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

and of of the module.						
		Re	move			
Application Number	Country i	Parent Filing Date (YYYY-MM-DD)	Priority Claimed			
10-2004-0013466	KR	2004-02-24	● Yes ○ No			
Additional Foreign Priority Data may be generated within this form by selecting the Add button.						

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office. Remove Assignee 1 If the Assignee is an Organization check here. $\overline{}$ Organization Name Samsung Total Petrochemicals Co., Inc. **Mailing Address Information:** Address 1 411-1 Dokgod-ri, Seosan-shi Address 2 Chungcheongnam Province City State/Province Country | KR Postal Code 356-874 Phone Number Fax Number **Email Address** Additional Assignee Data may be generated within this form by selecting the Add Add button.

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

PTO/SB/14 (08-05) Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Da	ta Sheet 37 CFR 1.76	Attorney Docket Number	W014 P01394-US	
Application Be	ita officer of or it 1.70	Application Number		
Title of Invention	PREPARATION METHOD OF SOLID TITANIUM CATALYST FOR OLEFIN POLYMERIZATION			

Signature	/stephen j. holmes/		Date (YYYY-MM-DD)	2006-08-19	
First Name	Stephen	Last Name	Holmes	Registration Number	34621

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.